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Lincoln/Lancaster County, NE GIS Master Plan Focus Sessions

City of Lincoln, NE
June 23 - 24, 2005
10:30-12:00 AM

Presented by:

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Agenda

- Introductions
- Purpose of Focus Sessions
- Overview of Master Plan
- Discussion of Key Workflows
- Prioritization of Data and Application Development
- Identifying Return on Investment
- Next Steps

Purpose of Focus Sessions

- Present overview of information collected in the draft Master Plan
- Interactively identify areas to more fully develop the Strategic Implementation Plan
- Interactively review several key work flows and ways these should be streamlined
- Discuss prioritization of data and application development
- Prepare and present an overview of the Master Plan Project to City and County Executives

Overview of Draft Master Plan

- Executive Summary – This portion of the Master Plan is to be an overview that can be provided to anyone to give them an understanding of the Master Planning Project and the direction of the City of Lincoln and Lancaster County Enterprise GIS Program

Section 1 : Introduction

- Brief Background
- List of Participants and the Departments they represent
- Organization of the Document

Section 2: Current GIS Assessment

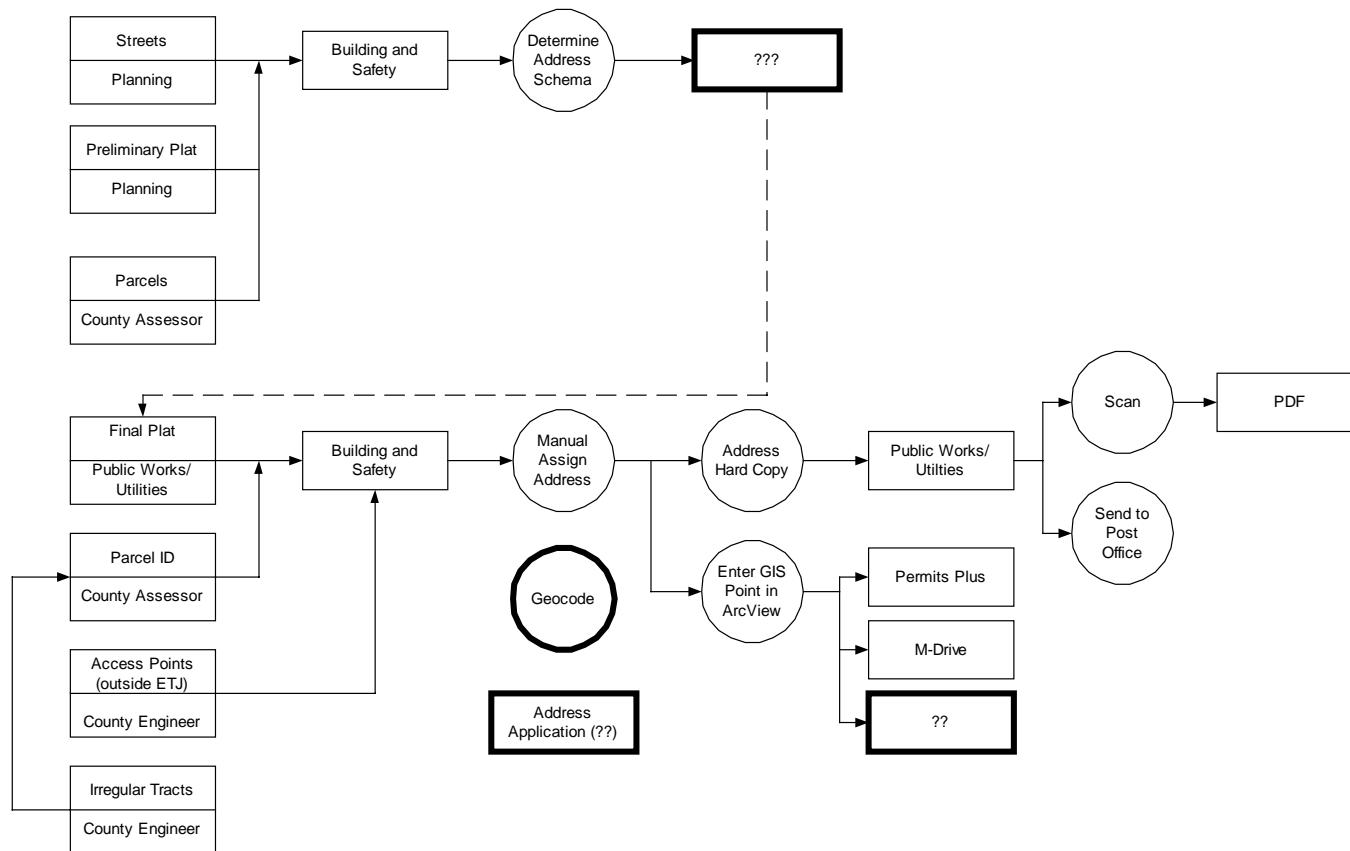
- Twenty-One different entities were interviewed and/or provided data to the Assessment
- Organizational Charts depict those participating in the City and County
- Detailed descriptions of work activities and current and potential GIS uses are described
- Data sharing with other entities is visually illustrated

Section 2: Current GIS Assessment – Discussion Topics

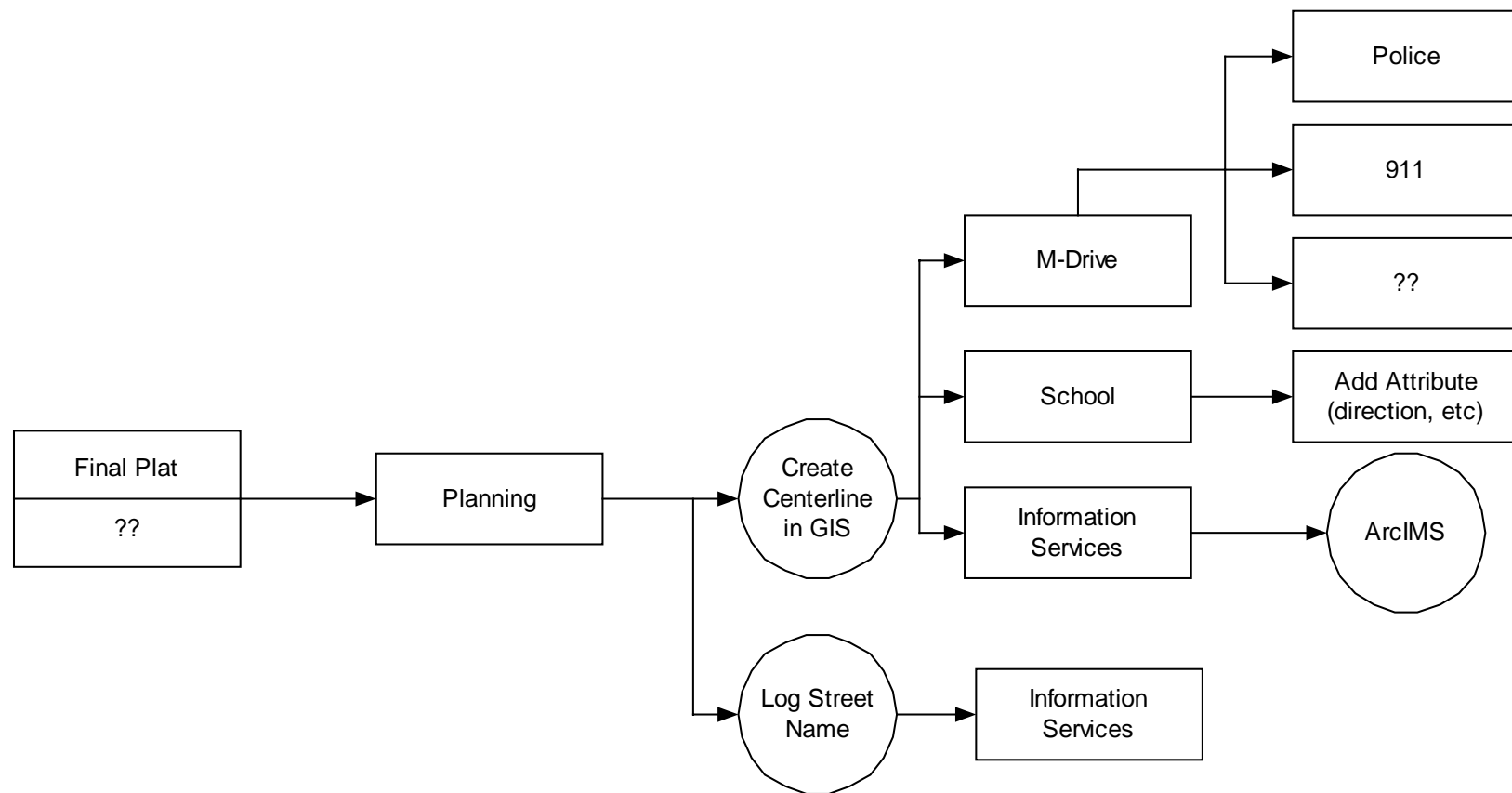
- City and County data “developers” primarily expressed needs for improving data and related workflows, such as for the landbase
- Most GIS Planning project participants have a fairly functional capability in the use of ESRI and other software
- Custom application development was not often requested
- New application needs related primarily to needs for extension or third party software, training, or additional staff time
- There are LOTS of people/departments using ArcGIS and ArcView. Enterprise management of licenses could provide cost avoidance.

Section 2: Needs Assessment, Key Workflows

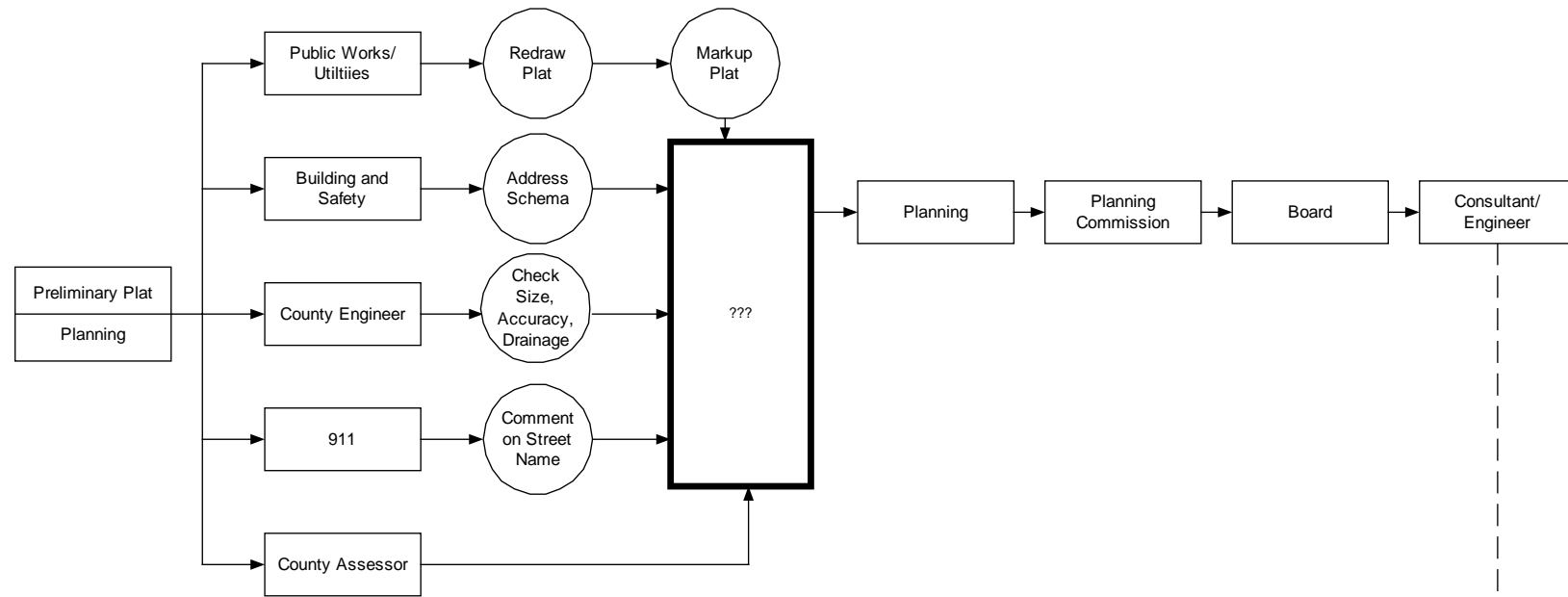
Address Assignment



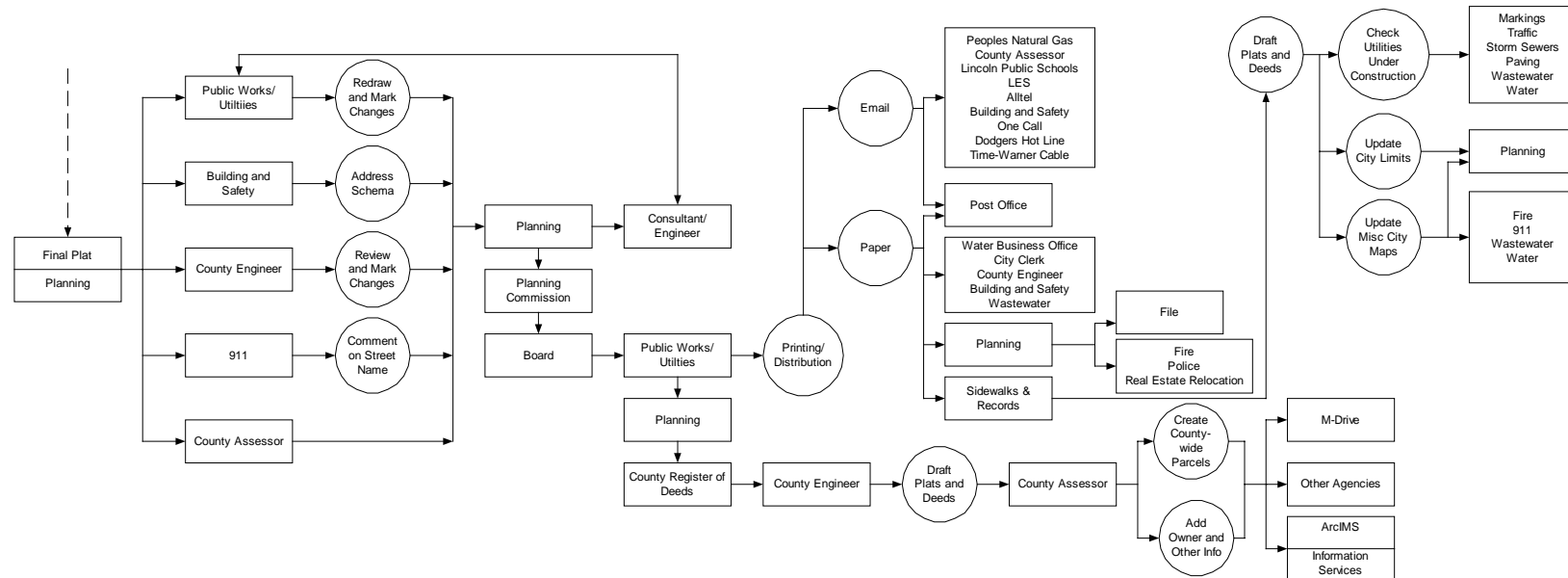
Centerline Creation and Enhancements



Platting and Landbase Development



Platting and Landbase Development, continued



Section 3: Overview of Existing Systems

- Tabulates software systems used by each participating department
- Overviews current software
- Tabulates Maps and Drawings used
- Tabulates Tabular Data used

Section 4: Conceptual Design

- Currently includes a placeholder for a system architecture
- Software architecture provides a general overview of software uses.
- General overview of application areas
- Refers reader to Technical Memorandum for Organizational Structure
- Identifies management areas related to the system where standards should be documented and defined if they are not already.

Section 5: Implementation Strategy

- Three Phase Approach:
 - Initiation Phase
 - Implementation Phase
 - Operations Phase

Initiation Phase

- Develop Interlocal Agreements
- Create Project Management Office and hire related staffing
- Create Technical Committee
- Identify potential funding participants
 - “Consortium” type – other governmental entities
 - Private entities
- Design Enterprise Database

Implementation Phase

- Organization
 - Training and staff development is key
- Hardware and Software expansions may be necessary
- Application development may fall into several broad categories
- Development of the database is still a primary effort

Operations Phase

- Ongoing data maintenance
- Systematic upgrades to hardware, software and networking
- Application development

Section 6: Barriers and Opportunities

- Presents some general thoughts on barriers and opportunities faced by the City of Lincoln and Lancaster County

Next Steps

- Post presentation materials on web-site
- Have Master Plan and Technical Memo edited and published on website
- Develop forms for identifying data development priorities
- Collect comments on Master Plan
- Incorporate comments and extend Master Plan
- Provide Plan to Committee for final review
- Present final GIS Master Plan to Committee, Executives, and other stakeholders.